

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082321\
 Data File : VU044494.D
 Acq On : 23 Aug 2021 11:51
 Operator : SY/MD
 Sample : M3515-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4555

Quant Time: Aug 24 03:58:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR081821WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 24 03:56:17 2021
 Response via : Initial Calibration

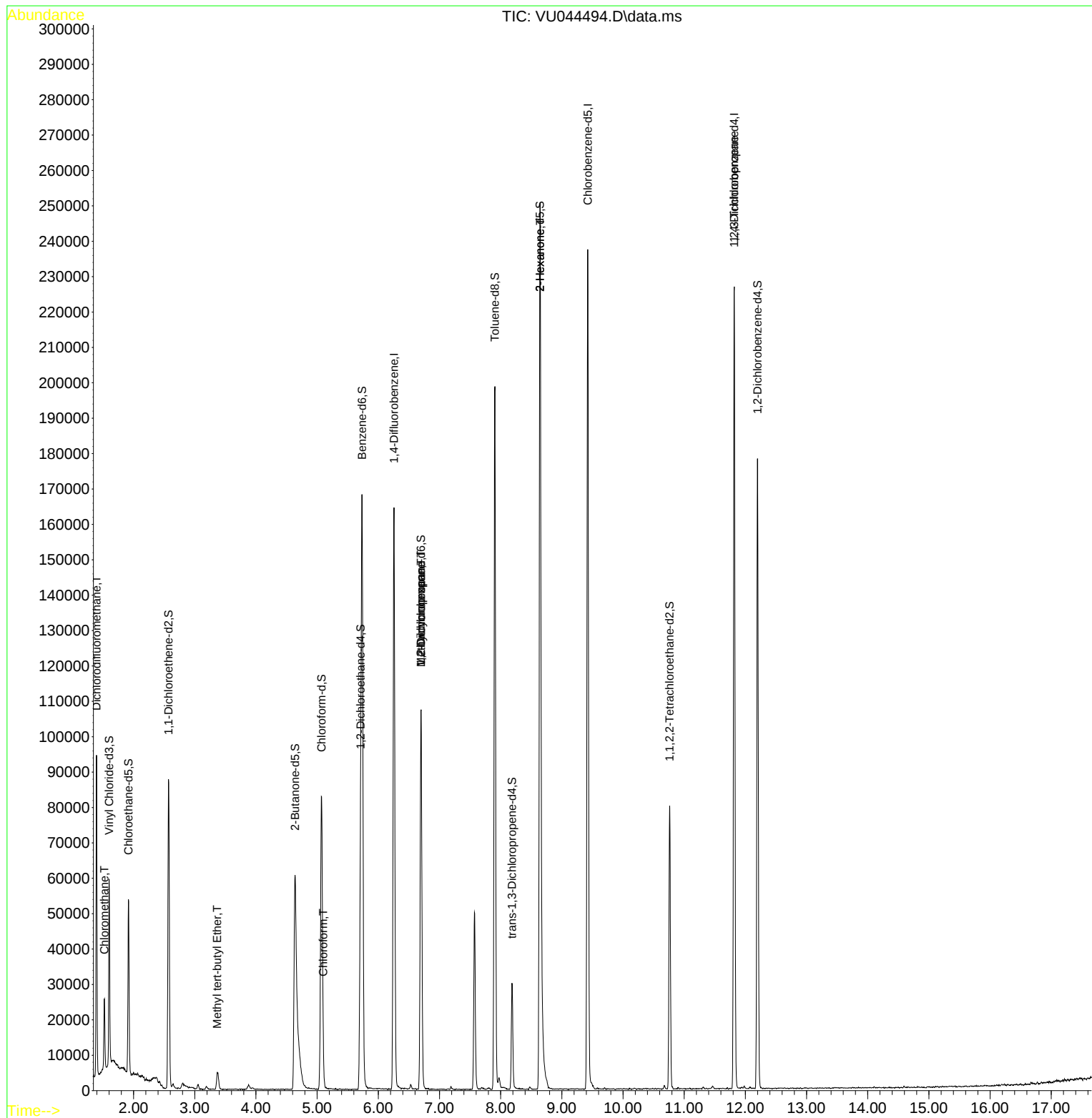
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	127740	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	129754	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	58822	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	37009	3.582	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	71.600%	
7) Chloroethane-d5	1.916	69	36070	4.017	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	80.400%	
11) 1,1-Dichloroethene-d2	2.572	65	16676	3.794	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	75.800%	
20) 2-Butanone-d5	4.639	46	129462	45.310	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	90.620%	
24) Chloroform-d	5.073	84	76757	4.202	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.000%	
26) 1,2-Dichloroethane-d4	5.710	65	43620	4.379	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.600%	
32) Benzene-d6	5.735	84	153645	4.205	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.200%	
36) 1,2-Dichloropropane-d6	6.697	67	50792	4.345	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	87.000%	
41) Toluene-d8	7.906	98	129532	3.998	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	80.000%	
43) trans-1,3-Dichloroprop...	8.186	79	17185	4.094	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	81.800%	
46) 2-Hexanone-d5	8.642	63	105412	46.436	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	92.880%	
56) 1,1,2,2-Tetrachloroeth...	10.761	84	41713	4.237	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	84.800%	
66) 1,2-Dichlorobenzene-d4	12.198	152	44375	4.465	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	89.400%	
Target Compounds						
2) Dichlorodifluoromethane	1.395	85	1267	0.096	ug/L	93
3) Chloromethane	1.523	50	13378	0.777	ug/L	96
17) Methyl tert-butyl Ether	3.366	73	5551	0.219	ug/L	96
25) Chloroform	5.099	83	3730	0.183	ug/L	93
35) Methylcyclohexane	6.697	83	11676	0.643	ug/L #	16
37) 1,2-Dichloropropane	6.700	63	5520	0.479	ug/L #	88
48) 2-Hexanone	8.645	43	12604	2.257	ug/L #	68
61) 1,2,3-Trichloropropane	11.816	75	8504	1.157	ug/L #	66

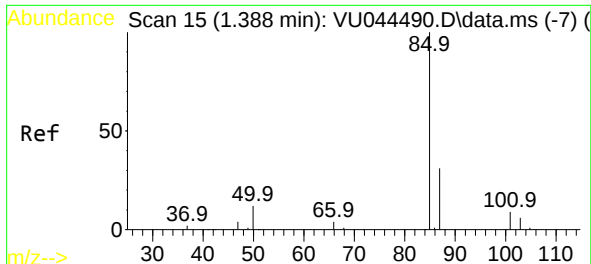
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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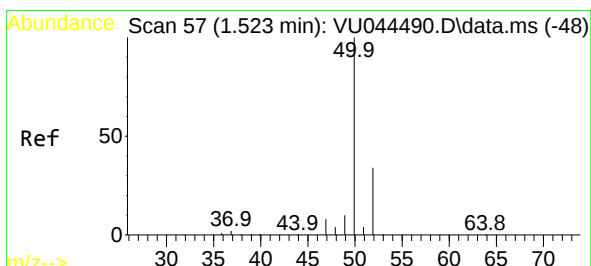
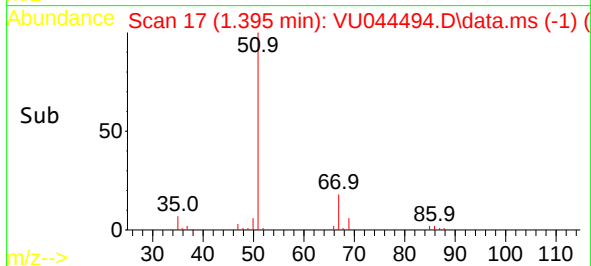
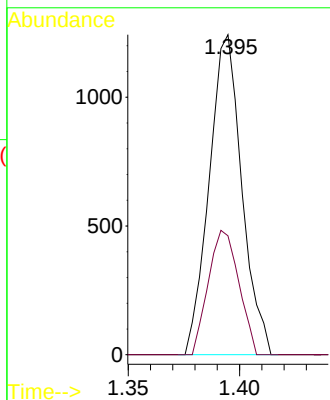
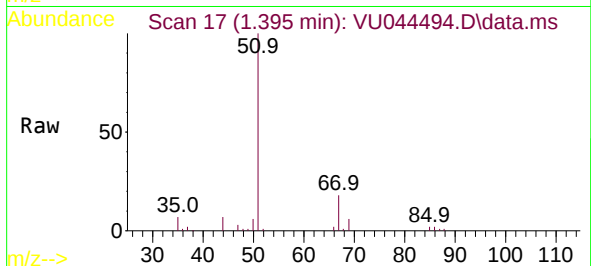




#2
Dichlorodifluoromethane
Concen: 0.096 ug/L
RT: 1.395 min Scan# 17
Delta R.T. 0.007 min
Lab File: VU044494.D
Acq: 23 Aug 2021 11:51

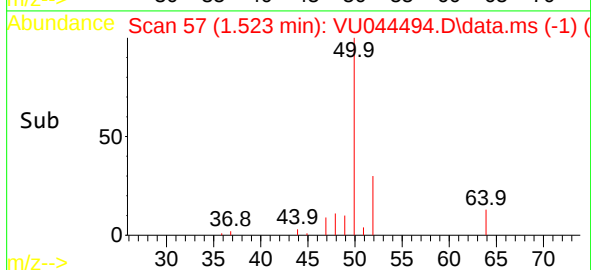
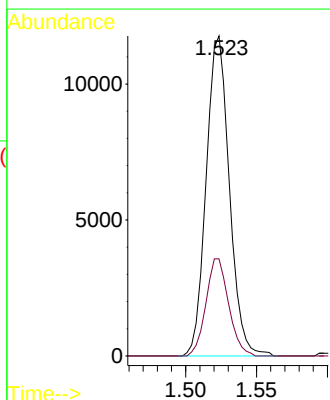
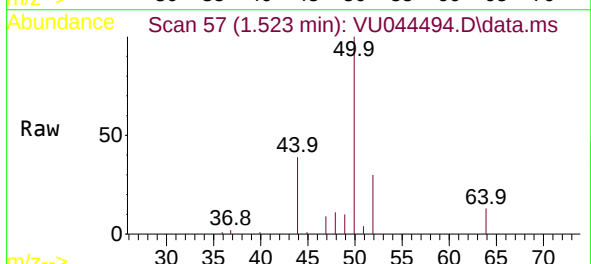
Instrument :
MSVOA_U
ClientSampled :
H4555

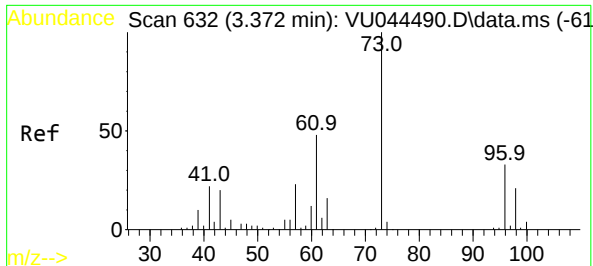
Tgt Ion: 85 Resp: 1267
Ion Ratio Lower Upper
85 100
87 36.2 25.7 38.5



#3
Chloromethane
Concen: 0.777 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU044494.D
Acq: 23 Aug 2021 11:51

Tgt Ion: 50 Resp: 13378
Ion Ratio Lower Upper
50 100
52 30.3 22.8 42.4



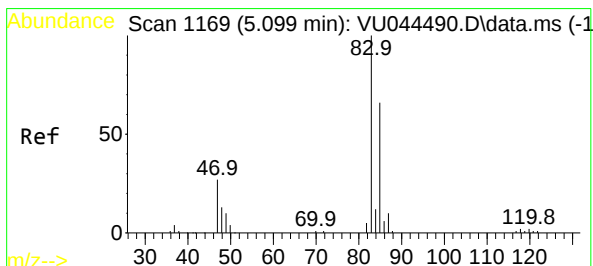
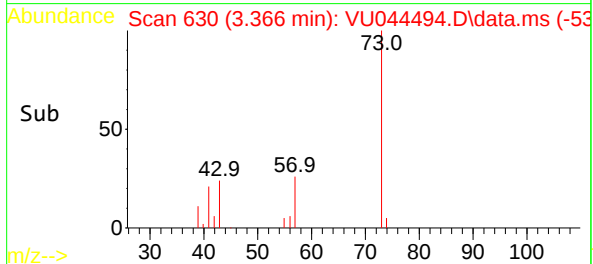
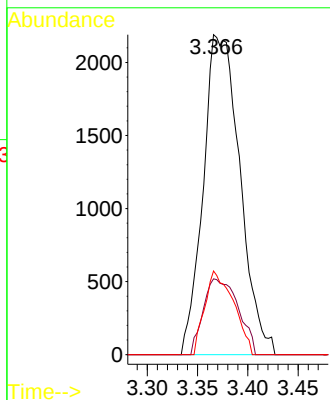
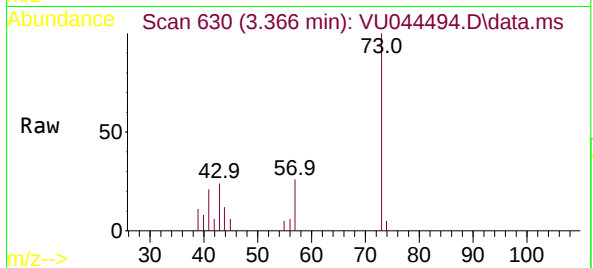


#17

Methyl tert-butyl Ether
Concen: 0.219 ug/L
RT: 3.366 min Scan# 630
Delta R.T. -0.006 min
Lab File: VU044494.D
Acq: 23 Aug 2021 11:51

Instrument :
MSVOA_U
ClientSampled :
H4555

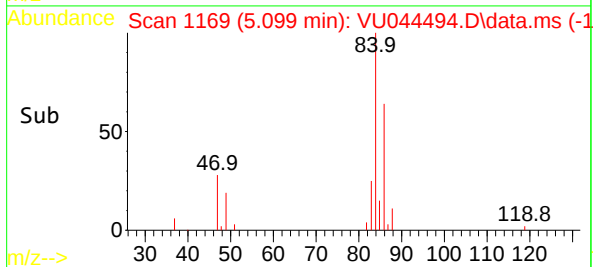
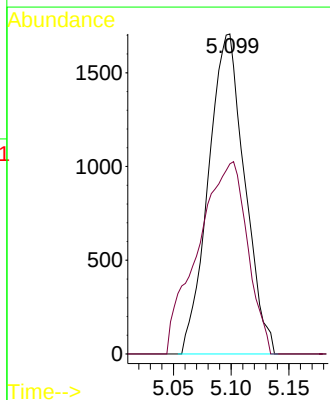
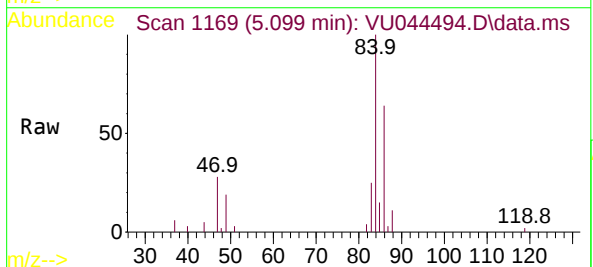
Tgt Ion: 73	Resp: 5551
Ion Ratio	Lower Upper
73 100	
43 22.5	16.2 24.4
57 20.5	17.8 26.8

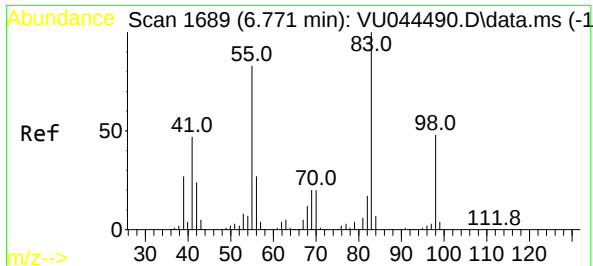


#25

Chloroform
Concen: 0.183 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VU044494.D
Acq: 23 Aug 2021 11:51

Tgt Ion: 83	Resp: 3730
Ion Ratio	Lower Upper
83 100	
85 59.4	45.3 84.1





#35

Methylcyclohexane

Concen: 0.643 ug/L

RT: 6.697 min Scan# 1666

Delta R.T. -0.074 min

Lab File: VU044494.D

Acq: 23 Aug 2021 11:51

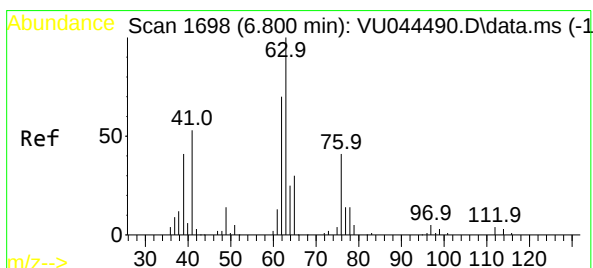
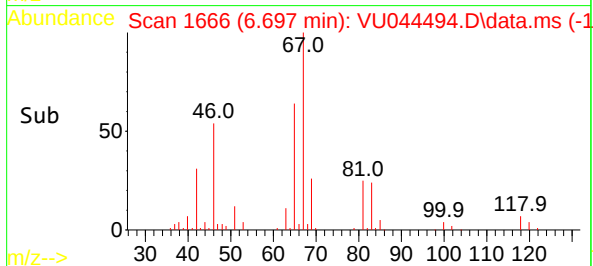
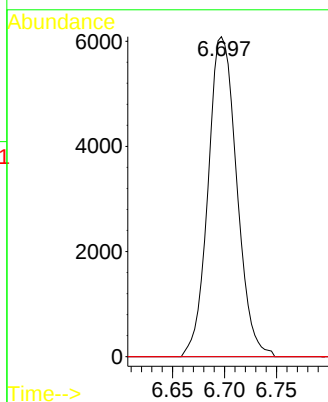
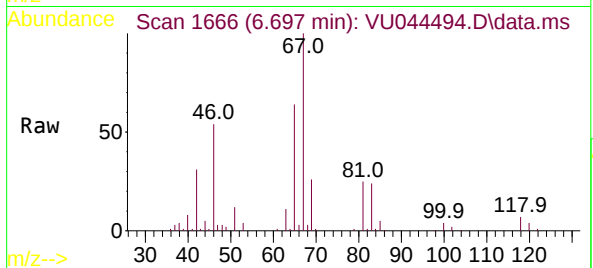
Instrument :

MSVOA_U

ClientSampleId :

H4555

Tgt Ion:	83	Resp:	11676
Ion	Ratio	Lower	Upper
83	100		
55	0.0	64.8	97.2#
98	0.0	37.5	56.3#



#37

1,2-Dichloropropane

Concen: 0.479 ug/L

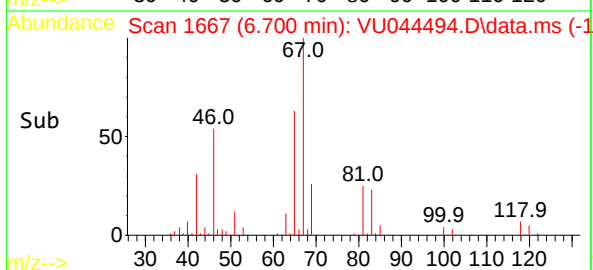
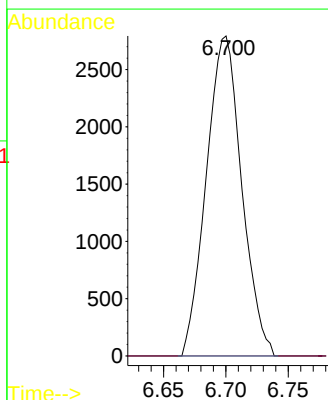
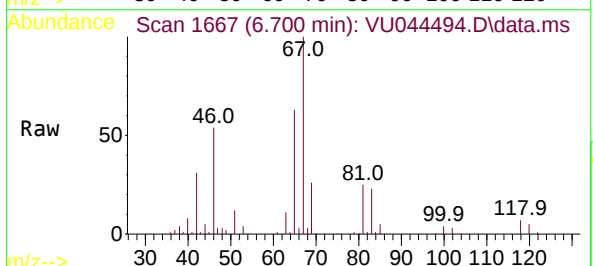
RT: 6.700 min Scan# 1667

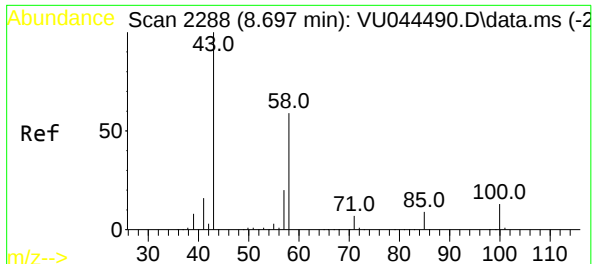
Delta R.T. -0.099 min

Lab File: VU044494.D

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Tgt Ion:	63	Resp:	5520
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.3	4.9#

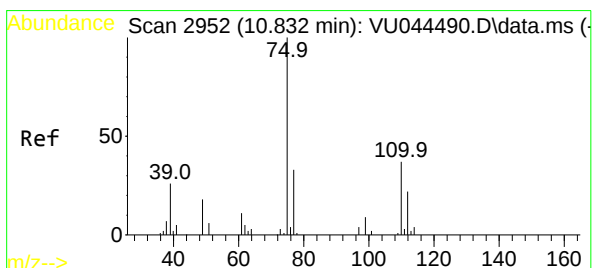
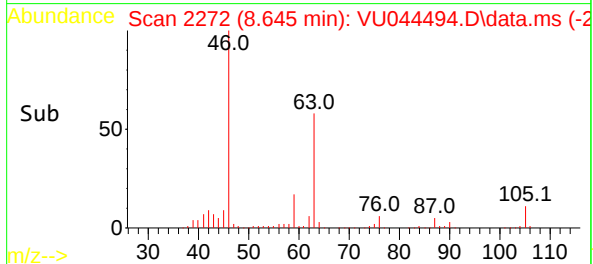
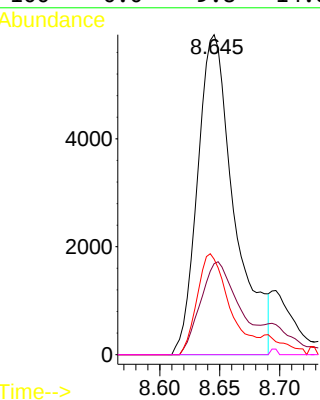
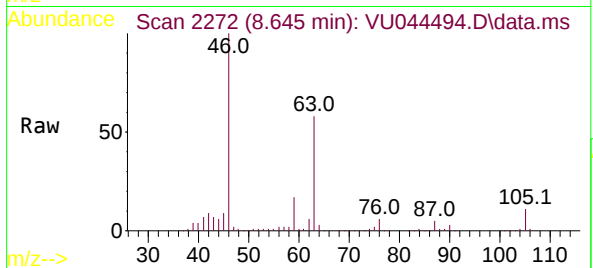




#48
2-Hexanone
Concen: 2.257 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.051 min
Lab File: VU044494.D
Acq: 23 Aug 2021 11:51

Instrument :
MSVOA_U
ClientSampled :
H4555

Tgt Ion:	43	Resp:	12604
Ion	Ratio	Lower	Upper
43	100		
58	30.5	46.5	69.7#
57	28.3	15.8	23.8#
100	0.0	9.8	14.8#



#61
1,2,3-Trichloropropane
Concen: 1.157 ug/L
RT: 11.816 min Scan# 3258
Delta R.T. 0.984 min
Lab File: VU044494.D
Acq: 23 Aug 2021 11:51

Tgt Ion:	75	Resp:	8504
Ion	Ratio	Lower	Upper
75	100		
110	1.6	28.4	42.6#
77	28.1	26.5	39.7

